2Q FY00 SIP MILESTONE FULL STATUS REPORT  Strategic Implementation Plan (SIP) Milestone Information (Review Columns G to I, complete F if appropri								As of 6/19/00	EVAL COST SCHEDULE TECHNICAL Blue EACunder >5% Ahead > 6 weeks Met w/fiess effort Green EAC w/f 5% Within 6 weeks Meets Yellow EAC over 5-15% Behind 6-12 weeks Prob.s Solvable, Action Plan Red EAC over 5-15% Behind 6-12 weeks Prob.s Solvable, No Action Plan SIP MILE STONE EVALUATION (***ACTION: Complete Columns J to M***)				
GRC SIP ID No.	NASA MS	FY	GRC Objectives (In Bold Italic) / Milestones	Planned Date	Actual Date	Owner	Org.	Program/Project/ Process			TECHNICAL PERFORM.		
is no.	INIC		GRO Objectives (in Bold italic) / initestories	Dute	Actual But	Owner	Org.	BLUE	GREEN	YELLOW		DESCRIPTION OF PROBLEM AND ACTION	
0A1.0		2000	<u>GRC Objective A1:</u> Reduce aircraft accidents related to icing, weather, poor visibility, and engine problems; develop technology to prevent and suppress aircraft fires.	0		C. RUSSO	2000						
2000A1.1		2000	Complete and publish three-dimensional design guidelines for the control of gear crack paths and the prediction of crack growth rates in ultrasafe gears.	2Q01 4Q00		D. Lewicki/ J. Zakrajsek	5950/ 0300	Rotorcraft Base/Safe All Weather Ops for RC (581-30)	GREEN	YELLOW	GREEN	The Glenn rotorcraft base program suffered a 40% cut in funds in FY00. As a result, the SILNT program was cut, and the SAFOR program suffered some milestone delays due to the reduced funding levels. This milestone was one of the efforts that had to be delayed due to funding cuts. The delayed milestone was coordinated with the Rotorcraft Base Program Office at Ames. 5000 S. Foust	
OM1.0		2000	GRC MS Objective 1.0: Optimize GRC investments and align its resources to customer requirements.	5		D. CAMPBEL	L 0100						
2000M1.1	0MS1	2000	Reduce GRC's Civil Service workforce level from 1993 to 1983 FTE's.	4Q00		R. Fails	0200	N/A	GREEN	GREEN	GREEN	0200 R. Fails	
2000M1.3	0MS4	2000	Cost 70 percent or more of the resources authority available to cost within the fiscal year.	4Q00		R. Fails	0200	N/A	GREEN	GREEN	GREEN	0200 R. Fails	
OngoM1.E	OMS11		Meet all NASA Integrated Financial Management System milestones applicable to GRC.	On- going		R. Fails	0200	IFMS	GREEN	GREEN	GREEN	0200 R. Fails	
2000M1.2	0MS3	2000	Reduce the GRC personnel occupational injury or illness lost time rate to 0.20 hour per 200,000 hours worked.	4Q00		M. Dominguez	z 0530	Safety Risk Management	GREEN	GREEN	GREEN	0500 F. Greco	
OM2.0		2000	GRC MS Objective 2.0: Increase performance-based contracting.			B. BAKER	0600						
2000M2.1	OMS5	2000	Obligate at least 80 percent of all procurement dollars to performance-based contracts.	4Q00		Brad Baker	0600	N/A	GREEN	GREEN	GREEN	GRC is currently at 78%, or 2% below the goal. This is a significant improvement from FY99 and we fully expect to exceed the goal by the end of FY00. 0600 B. Baker	

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2000M2.2	OMS8	2000	Obligate at least 35% of all procurement dollars to Small Disadvantaged Businesse	4Q00		Brad Baker	0600	NA	GREEN	GREEN	GREEN	As of end of February, GRC is at 47%, well above the goal of 35%. We expect to end the FY00 with an actual percentage close to the February estimate. 0600 B. Baker	
OngoM2.A			Increase microprocurement contracting by GRC user activities to 75% of all actions.	ON- GOING		Brad Baker	0600	N/A	GREEN	GREEN	GREEN	The Bankcard usage at GRC is currently roughly at 80% of all microprocurements We expect to stay at this percentage or experience modest growth. 0600 B. Baker	
OngoM2.B	OMS8	ON- GOING	Increase efforts to identify eligible businesses to support set-aside decisions by participating in at least one new forum each year to identify new Small Disadvantaged Businesses and Women-owned businesses, each year.	On- going		B. Baker	0610	N/A	GREEN	GREEN	GREEN	To date this FY, GRC has participated in three new forums: two in Ohio and one in West Virginia. 0600 B. Baker	
0P1.0		2000	GRC PAPAC Objective 1.0: Improve the effectiveness and usage of GRC test and computational facilities.			R. FURNAS	7000						
2000P1.2		2000	By the end of the first quarter, complete a decommissioning plan for the Plum Brook nuclear reactor facility and submit the plan to the NRC for review and approval.	; 1Q00	1Q00	T. Polich	0500	ENVIRONMENTAL	GREEN	GREEN	GREEN	Completed. SUBMITTED TO NRC 12/20/99	
0P3	0P5	2000	GRC PAPAC Objective 3.0: Develop and maintain a comprehensive R&D risk management methodology.			B. Wessel	0500						
OngoP3.A		ON- GOING	Ensure GRC's risk management methodology and all risk management planscomply with NPD 7120.4 and NPG 7120.5 and that they address safety, environmental compatibility, and security.			F. Robinson/ M. Domingues	0510/ s 05 <b>30</b>	Risk Management/Safety	GREEN	GREEN	GREEN	0500 F. Greco	
OngoP3.B			Utilize the Mission Assurance Program to improve the quality, timeliness, and cost-effectiveness of research products and services.	On- going		F. Robinson	0510	Risk Management	GREEN	GREEN	GREEN	0500 F. Greco	
0P4		2000	GRC PAPAC Objective 4.0: Form alliances and partnerships with other NASA Centers, federal, state, and local agencies academia, and industry.			G. BARNA/ W. WHITLOW	6000/ 5000						
2000P4.2	0MS8	2000	Support 30 women-owned and minority-owned small businesses under the Garrett Morgan Commercialization Initiative.	On- er goin g		G. Steele/ L. Viterna	9400	Commercial Technology Office	GREEN	YELLOW	/ GREEN	LATE ARRIVAL OF EARMARKED MONEY DELAYED START OF PROGRAM BY 9 MONTHS. AS EARMARKED MONEY IT IS EXEMPT FROM NASA'S SPENDING GUIDELINES. 9000 R. Alexander	

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GRC SIP ID No.	NASA MS	FY	GRC Objectives (In Bold Italic) / Milestones	Planned Date	Actual Date	Owner	Org.	Program/Project/ Process	COST	SCHEDULE	TECHNICAL PERFORM.	DESCRIPTION OF PROBLEM AND ACTION
2000P4.3	0MS8	2000	Increase the number of tenants in the Lewis Incubator for Technology (LIFT) to 12, including 4 women-owned and minority-owned small businesses.	On- goin g		K. Veris/ L Viterna	9400	Commercial Technology Office	GREEN	GREEN	GREEN	TENANTS INCLUDE 6 MINORITY AND 2 WOMEN OWNED BUSINESSES. TOTAL NUMBER OF TENANTS IS 12. 9000 R. Alexander
0G1.0		2000	GRC GK Objective 1.0: GRC will support NASA's Generate Knowledge Objectives as directed by NASA Headquarters.									
0C1.0	0R16	2000	GRC CK Objective 1.0: Expand and enhance GRC science, math, and engineering educational programs and public outreach. To accomplish this, GRC will align its educationa programs with the framework described in the NASA Implementation Plan for Education.	I		J. HAIRSTON	I 9000					
2000C1.1	0C1	2000	Teacher Preparation and Enhancement - Utilize two or more dissemination vehicles of other organizations to publicize on-site workshops to teachers in Northeast Ohio in order to increase participation from schools with under-represented student populations and to reduce mailing costs	4Q00		J. Charleston	9200	Education Programs	GREEN	GREEN	GREEN	9000 R. Alexander
2000C1.2	0C1	2000	Teacher Preparation and Enhancement - Deliver on-site educational workshops to 250 teachers	4Q00		J. Charleston	9200	Education Programs	GREEN	YELLOW	GREEN	DUE TO WORKSHOP CANCELLATION, NEW PROJECTION IS 225 TEACHERS. 9000 R. Alexander
	201		Student Support Increase the number of students served over FY99, resources permitting, by expanding involvement with existing national programs, enhancing attendance in current programs, or seeking new initiatives with internal and external partners	4000				Education				
2000C1.3 2000C1.4	0C1 0C1	2000	Curriculum Support Depending on funding, bring in one or two primary teachers to develop aerospace curriculum materials suitable for grades K-3.	4Q00 4Q00		J. Charleston  J. Charleston		Programs  Education Programs	GREEN	GREEN	GREEN	9000 R. Alexander  LACK OF FUNDING. Looking for ways to complete some of this effort. Want to replan. 9000 R. Alexander
2000C1.5	0C1	2000	Support Systemic Change Conduct a Needs Assessment of parental involvement in OEP programs	4Q00		J. Charleston	9200	Education Programs	GREEN	GREEN	GREEN	9000 R. Alexander
2000C1.6	0C1	2000	Education Technology - Complete EngineSim and distribute it to at least 1000 teachers and students over the Internet and through CD-ROM distribution	4Q00		J. Charleston	9200	Education Programs	GREEN	GREEN	GREEN	9000 R. Alexander

2Q FY00 SIP MILESTONE FULL STATUS REPORT								EVAL				
GRC SIP ID No.	mentation P NASA MS	Ian (SIP)	) Milestone Information (Review Columns G to I, complete F if appropr GRC Objectives (In Bold Italic) / Milestones	Planned Date Actual Date	e Owner	Org.	As of 6/19/00 Program/Project/ Process	SIP MILE	SCHEDULE	TECHNICAL PERFORM.	****ACTION: Complete Columns J to M***)  DESCRIPTION OF PROBLEM AND ACTION	
2000C1.7	0C1	2000	Education Technology - Provide videoconferencing workshops to at least 1500 students	4Q00	J. Charleston	9200	Education Programs	GREEN	GREEN	GREEN	9000 R. Alexander	
0C2.0		2000	GRC CK Objective 2.0:  - In the community and media relations area, increase and enhance publicity on GRC capabilities, accomplishments and contributions.  - With respect to technology transfer, increase and enhance the productive use of GRC-generated or GRC-sponsored science and technology in the public and private sectors.									
2000C2.1		2000	Establish a Community Relations Plan for the decommissioning of the Plum Brook nuclear reactor.	4Q00	S. Harrington	9300	Plum Brook nuclear reactor decom.	GREEN	GREEN	GREEN	9000 R. Alexander	
2000C2.2		2000	Conduct a summit with industry focusing on micro-systems technology	4Q00	L. Viterna	9400	Community & Media Relations	GREEN	GREEN	GREEN	THIS EVENT WAS HELD IN NOVEMBER 1999, AND IS ESSENTIALLY COMPLETE. 9000 R Alexander	
OngoC2.A		ON- GOING	Increase GRC's presence at regional air shows and community events	On- going	L. Dukes- Campbell	9300	Community & Media Relations	GREEN	GREEN	GREEN	9000 R. Alexander	
OngoC2.B		ON- GOING	Increase GRC presence in local and regional media	On- going	L. Dukes- Campbell	9300	Community & Media Relations	GREEN	GREEN	GREEN	9000 R. Alexander	
OngoC2.D	0P6		Invest 10 to 20 percent of the Center's R&D budget in partnerships with U.S. businesses.	On- going	K. Grasse/ L. Viterna	9400	Commercial Technology Office	GREEN	GREEN	GREEN	OUR PERCENTAGE CURRENTLY EXCEEDS THE 10 TO 20 PERCENT TARGET. 9000 R. Alexander	
0C3		2005	GRC CK Objective 2.1: Enable the productive use of science and technology in the public and private sectors.		W. WHITLOW G. BARNA/ J. HAIRSTON	6000/						